

# NEOPENTYL GLYCOL DIGLYCIDYL ETHER

0182

March 1998

CAS No: 17557-23-2  
 RTECS No: TX3760000  
 UN No:  
 EC No: 603-094-00-7

2,2'-(2,2-Dimethyl-1,3 propanediyl)bis(oxymethylene)bisoxirane  
 1,3-bis(2,3-Epoxypropoxy)-2,2-dimethylpropane  
 $C_{11}H_{20}O_4$   
 Molecular mass: 216.3

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
<b>FIRE</b>	Combustible.	NO open flames.	powder, AFFF, foam, carbon dioxide,
<b>EXPLOSION</b>	Above 88°C explosive vapour/air mixtures may be formed.	Above 88°C use a closed system, ventilation.	

EXPOSURE		PREVENT GENERATION OF MISTS!	
<b>Inhalation</b>	Cough. Sore throat.	Ventilation.	Fresh air, rest.
<b>Skin</b>	Redness.	Protective gloves. Protective clothing.	Remove contaminated clothes. Rinse and then wash skin with water and soap. Refer for medical attention.
<b>Eyes</b>	Redness. Pain.	Face shield.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
<b>Ingestion</b>		Do not eat, drink, or smoke during work.	Rinse mouth. Give plenty of water to drink.

SPILLAGE DISPOSAL	PACKAGING & LABELLING
Collect leaking and spilled liquid in sealable containers as far as possible. Wash away remainder with plenty of water.	Xi Symbol R: 38-43 S: (2-)24-37

EMERGENCY RESPONSE	STORAGE
	Separated from strong oxidants. Keep in the dark.



**IMPORTANT DATA****Physical State; Appearance**

LIQUID

**Chemical Dangers**

The substance can presumably form explosive peroxides.  
Reacts with strong oxidants.

**Occupational Exposure Limits**

TLV not established.

**Routes of Exposure**

The substance can be absorbed into the body by inhalation.

**Inhalation Risk**

No indication can be given about the rate in which a harmful concentration in the air is reached on evaporation of this substance at 20°C.

**Effects of Short-term Exposure**

The substance irritates the eyes and the skin.

**Effects of Long-term or Repeated Exposure**

Repeated or prolonged contact may cause skin sensitization.

**PHYSICAL PROPERTIES**

Relative density (water = 1): 1.07  
Relative vapour density (air = 1): 7.5

Flash point: 88°C o.c.

**ENVIRONMENTAL DATA****NOTES**

Explosive limits are unknown in literature. Check for peroxides prior to distillation; eliminate if found.

**ADDITIONAL INFORMATION****LEGAL NOTICE**

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